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Signed: \_\_\_\_\_

MICHAEL MOORES

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/705,211 Confirmation No.: 2927  
Applicant : Dean G. Hafeman et al.  
Filed : November 7, 2003  
TC/A.U. :  
Examiner :  
  
Docket No. : 100/18101  
Customer No. : 021569  
Title : CAPTURE AND RELEASE ASSAY SYSTEM AND METHOD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. Pursuant to 1276 OG 55 dated August 5, 2003, Applicants are not providing copies of US patents and/or publications as this application was filed after June 30, 2003. A copy of each non-US patent or publication reference is enclosed.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action.

Appl. No. 10/705,211  
Dean G. Hafeman et al.

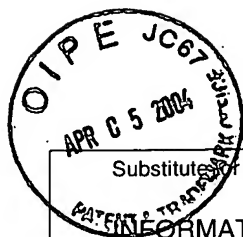
However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Andy L. Filler", with a long horizontal flourish extending to the right.

Andrew L. Filler  
Reg. No. 44,107

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	<b>10/705,211</b>		
		Filing Date	<b>November 7, 2003</b>		
		First Named Inventor	<b>Hafeman</b>		
		Art Unit			
		Examiner Name			
Sheet		of		Attorney Docket Number	<b>100/18101</b>

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number - Kind Code (if known)			
	AA	US-5,348,658	09-20-1994	Fuchs et al.	
	AB	US-5,595,650	01-21-1997	Manz	
	AC	US-5,599,432	02-04-1997	Manz et al.	
	AD	US-5,637,469	06-10-1997	Wilding et al.	
	AE	US-5,700,667	12-23-1997	Marble et al.	
	AF	US-5,770,029	06-23-1998	Nelson et al.	
	AG	US-5,804,384	09-08-1998	Muller et al.	
	AH	US-5,948,231	09-07-1999	Fuchs et al.	
	AI	US-5,952,173	09-14-1999	Hansmann et al.	
	AJ	US-6,046,056	04-04-2000	Parce et al.	
	AK	US-6,074,827	06-13-2000	Nelson et al.	
	AL	US-6,214,187	04-10-2001	Hammond et al.	
	AM	US-6,280,618	08-28-2001	Watkins et al.	
	AN	US-6,306,590	10-23-2001	Burd Mehta et al.	
	AO	US-6,344,326	02-05-2002	Nelson et al.	
	AP	US-6,489,112	12-03-2002	Hadd et al.	
	AQ	US-6,632,655	10-14-2003	Burd Mehta et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
	AR					
	AS					
	AT					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Name				
Sheet		of	Attorney Docket Number	100/18101

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AU	BREADMORE, M.C. et al., "Towards a microchip-based chromatographic platform. Part I: Evaluation of sol-gel phases for capillary electrochromatography" <u>Electrophoresis</u> (2002) 23:3487-3495	
	AV	HOCHULI, E. et al., "New Metal Chelate Adsorbent Selective for Proteins and Peptides Containing Neighbouring Histidine Residues" <u>J. Chromatog.</u> (1987) 411:177-184	
	AW	HOCHULI, E. "Large-scale chromatography of recombinant proteins" <u>J. Chromatog.</u> (1988) 444:293-302	
	AX	HOCHULI, E. et al., "Interaction of hexahistidine fusion proteins with nitrilotriacetic acid-chelated Ni <sup>2+</sup> ions" <u>Methods: A Companion to Methods in Enzymology</u> (1992) 4:68-72	
	AY	HUBER, D.L. et al., "Programmed Adsorption and Release of Proteins in a Microfluidic Device" <u>Science</u> (2003) 301:352-354	
	AZ	JEMERE, A.B. et al., "An integrated solid-phase extraction system for sub-picomolar detection" <u>Electrophoresis</u> (2002) 23:3537-3544	
	BA	LOETSCHER, P. et al., "Immobilization of monoclonal antibodies for affinity chromatography using a chelating peptide" <u>J. Chromatog.</u> (1992) 595:113-119	
	BB	MEYER, D.E. et al., "Purification of recombinant proteins by fusion with thermally-responsive polypeptides" <u>Nature Biotech.</u> (1999) 17:1112-1115	
	BC	SCHMID, E.L. et al., "Reversible oriented surface immobilization of functional proteins on oxide surfaces" <u>Anal. Chem.</u> (1997) 69:1979-1985	
	BD	SIGAL, G.B. et al., "A self-assembled monolayer for the binding and study of histidine-tagged proteins by surface plasmon resonance" <u>Anal. Chem.</u> (1996) 68:490-497	
	BE	YANG, T. et al. "Superior 6xHis-Protein Purification with TALON Metal Affinity Resin" <u>CLONTECHniques</u> (1/1997)	

Examiner Signature		Date Considered	
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